

Diagram of a mechanical assembly 100. A horizontal bar 110 is shown at the top. Four V-shaped linkages, labeled 130a, 130b, 130c, and 130d, are connected to the bar 110. Each linkage consists of a base 120, a vertical link 140, and a diagonal link 170. The vertical links 140a, 140b, 140c, and 140d are connected to the bar 110 at points 160a, 160b, 160c, and 160d, respectively. The diagonal links 170a, 170b, 170c, and 170d are connected to the bases 120 at points 170a, 170b, 170c, and 170d, respectively. The bases 120 are connected to a common point 120 at the bottom.